

## **ABSTRACT OF THE DISCLOSURE**

5        A method and apparatus for controlling the charge and discharge currents in a  
battery (2) as a function of temperature. When a battery (2) is charged or discharged  
in an environment that approaches its design operating temperature extreme, the  
currents are reduced to limit self-heating of the battery and thus extend the useful  
operating environment temperature range. A temperature sensor (18) is coupled to a  
10      controller (6) to sense the battery (2) temperature. The temperature information is  
used to set a suitable charging or discharging current (8).